



Contract No. 009359	Station 	Mile/Line: SEE BELOW	C/S 
Staked by 	Date 	Work Started Date 4/2/2019	Work Completed Date 
Calculated by Paul Hutchinson 9/5/2019	Date 	Checked by E. Knudson 9/10/2019	Inspector Paul Hutchinson 9/5/19

**Bid ITEM #4  
CSBC**

**CSBC quantity is being paid by field measured offsets and depths.  
Measurements were made with a survey rod and steel tape. See attached  
Excel sheet for calculations.  
The following areas have been completed.**

**I-90**

**Group 4**

MP 47.79 LT WB      8.28cu.yds. Cadman  
MP 48.08 RT WB      4.07cu.yds. Cadman  
MP 48.47 LT WB      2.99cu.yds. Cadman  
MP 51.67 P1 RT WB    3.63cu.yds. Cadman  
MP 52.25 RT EB      3.32cu.yds. Cadman  
**22.29cu.yds.**

**OK to pay 22.3 cu. yds.**

**Group 5**

MP 46.92 RT WB      3.75cu.yds. Cadman  
**3.75cu.yds.**

**OK to pay 3.8cu.yds.**

**Group 6**

MP 53.99 RT EB      2.73cu.yds. Cadman  
MP 54.43 S5 RT WB    4.62cu.yds. Cadman  
**7.35cu.yds.**

**OK to pay 7.4cu.yds.**

**Group 7**

MP 70.00 P1 RT EB	3.69cu.yds.	Cadman
MP 70.00 P1 LT EB	3.98cu.yds.	Cadman
MP 70.63 R1 RT WB	4.14cu.yds.	Cadman
MP 70.63 R1 LT WB	3.32cu.yds.	Cadman
MP 71.10 RT WB	<u>2.61cu.yds.</u>	Cadman
<b>17.74cu.yds.</b>		

**OK to pay 17.7cu.yds.**

**Group 8**

MP 82.20 RT EB	3.94cu.yds.	Cadman
MP 85.88 LT WB	Used existing embankment. No CSBC was used.	
MP 102.32 RT EB	5.61cu.yds.	ECP
MP 110.78 R5 LT WB	3.44cu.yds.	ECP
MP 110.78 R5 RT WB	4.95cu.yds.	ECP
MP 115.20 P1 RT EB	3.27cu.yds.	ECP
MP 115.20 P1 LT EB	4.97cu.yds.	ECP
MP 118.32 RT WB	3.76cu.yds.	ECP
MP 119.31 RT WB	3.93cu.yds.	ECP
MP 119.82 RT WB	3.12cu.yds.	ECP
MP 120.08 LT EB	3.12cu.yds.	ECP
MP 120.89 LT EB	8.28cu.yds.	ECP
MP 121.00 LT WB	6.18cu.yds.	ECP
MP 121.15 LT EB	2.57cu.yds.	ECP
MP 121.61 LT WB	2.61cu.yds.	ECP
MP136.43 LX mp 0.03 RT	3.27cu.yds.	ECP
MP136.43 LX mp 0.12 LT	<u>3.13cu.yds.</u>	ECP
<b>66.15cu.yds.</b>		

**OK to pay 66.2cu.yds.**

**Group 11**

MP 109.45 LT EB	Trailing end terminal was used. No requirement for CSBC.
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Item Num	Material Brand Name/Model Type	Manufacturer	Brand Name/Model Type	RAMS/QPL Ref. No.	Appr/Acc Code	Basis of Accept

004.01	Crushed Surfacing Base Course	CADMAN, INC.		RAM-0005	8	/ Mfr. Cert. per Stnd. Spec. 1-06.3
004.01	Crushed Surfacing Base Course	ECP		RAM-0006	8	/ Mfr. Cert. per Stnd. Spec. 1-06.3

Item Num	Item Description	Grp	Date Work Complete	Unit	Quantity	Ledger Entry No.	Posted By Init.	Posted By Date	Checked By Init.	Checked By Date	Est. No.
0004	CRUSHED SURFACING BASE COURSE	4	9/5/2019	C.Y.	22.3	270	EK	09/11/19			6
0004	CRUSHED SURFACING BASE COURSE	5	9/5/2019	C.Y.	3.8	271	EK	09/11/19			6
0004	CRUSHED SURFACING BASE COURSE	6	9/5/2019	C.Y.	7.4	272	EK	09/11/19			6
0004	CRUSHED SURFACING BASE COURSE	7	9/5/2019	C.Y.	17.7	273	EK	09/11/19			6
0004	CRUSHED SURFACING BASE COURSE	8	9/5/2019	C.Y.	66.2	274	EK	09/11/19			6

## Attachments



END AREA VOL Gr 4  
Sept.xlsx  
Microsoft Excel  
Worksheet  
126 KB



END AREA VOL Gr 5  
Sept.xlsx  
Microsoft Excel  
Worksheet  
112 KB



END AREA VOL Gr 6  
Sept.xlsx  
Microsoft Excel  
Worksheet  
115 KB



END AREA VOL Gr 7  
Sept.xlsx  
Microsoft Excel  
Worksheet  
126 KB



END AREA VOL Gr 8  
Sep.xlsx  
Microsoft Excel  
Worksheet  
164 KB

